7) Conclusion

CNN's are awesome but it have 2 very dangerous flaws Translation invariance and pooling layers, luckily we can reduce the danger with data augmentation but something is coming up (capsule networks) we have to be ready and open to the change

8) Bibliography

1. Recent Advances in Convolutional Neural Networks Jiuxiang Gua,* , Zhenhua Wangb,* , Jason Kuenb , Lianyang Mab , Amir Shahroudyb , Bing Shuaib , Ting Liub , Xingxing Wangb , Li Wangb , Gang Wangb , Jianfei Caic , Tsuhan Chenc aROSE Lab, Interdisciplinary Graduate School, Nanyang Technological University, Singapore bSchool of Electrical and Electronic Engineering, Nanyang Technological University, Singapore cSchool of Computer Science and Engineering, Nanyang Technological University, Singapore
2. An Introduction to Convolutional Neural Networks Keiron O'Shea, Ryan Nash
3. Healthcare Big Data Management and Analytics in Scientific Programming View this Special Issue Research Article | Open Access Volume 2020 |Article ID 5762149 | https://doi.org/10.1155/2020/5762149.
4. A Beginner's Guide to Brain-Computer Interface and Convolutional Neural Networks Simple and accompanied by definitions. Alexandre Gonfalonieri Nov 26, 2018.
5. Hybrid Deep Learning (hDL)-Based Brain-Computer Interface (BCI) Systems: A Systematic Review
6. Nibras Abo Alzahab,1 Luca Apollonio,1 Angelo Di Iorio,1 Muaaz Alshalak,1 Sabrina Iarlori,1 Francesco Ferracuti,1 Andrea Monteriù,1 and Camillo Porcaro1,2,3,4,5,*
7. Brain–computer interface From Wikipedia, the free encyclopedia.
8. Machine Learning and Metaheuristics Algorithms, and ApplicationsFirst Symposium, SoMMA 2019, Trivandrum, India, December 18–21, 2019, Revised Selected Papers Editors (view affiliations Sabu M. Thampi Ljiljana Trajkovic Kuan-Ching Li Swagatam Das Michal Wozniak
9. 3rd National Conference on Medical Instrumentation, Biomaterials and Signal Processing (NCMBS-20)
10. Recent advances in adaptive sequential Monte Carlo methods Citation for published version: Elvira Arregui, V, Míguez, J & Djuri, PM 2017, 'Recent advances in adaptive sequential Monte Carlo methods', Sixteenth International Conference on Computer Aided Systems Theory , Las Palmas de Gran Canaria, Spain, 19/02/17 - 24/02/17.